

**REMARKS**

Reconsideration and allowance of this application are respectfully requested in view of the above amendment and the discussion below.

Claims 1-28 and 36 have been rejected under 35 U.S.C. 102 as unpatentable over Lowery '301 in view of Yamamoto et al. '943. In response to this rejection Applicants have cancelled claim 1 and the dependent claims have either been cancelled or amended to depend from allowable claim 32.

Claim 35 was rejected under 35 U.S.C. 112, second paragraph. In response to this rejection Applicants have cancelled claim 35.

Claims 31-34 have been indicated as allowable over the references. Independent claims 31 and 32 remain in this application with the remaining original amended claims depending from claim 32 and the new claims 37-47 containing the same subject matter as dependent claims 2, 4, 5, 12, 15, 18, 21, 24-27 except that they depend on allowable process claim 31.

The only change to independent claim 32 is in the preamble. It still represent a dental system but has been retitled as being a dental illumination system or transillumination system to be more precise. Such a system includes a photopolymerization system as well as light wave converter assembly with a light guide and a light converter.

It is submitted that the reasons for the indicated allowability remain in claim 32 as it is a dental illumination system having the same allowable structure elements. Thus it is submitted that no issues are raised by this clarifying Amendment to independent claim 32.

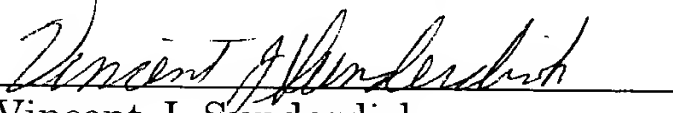
Therefore in view of the cancellation of the rejected subject matter under 35 U.S.C. 112 and under 35 U.S.C. 103, Applicants respectfully request that this application containing claims 2-5, 12, 15, 18, 21, 24-27, 31-34 and 37-47 including independent claims 31 and 32 be allowed and be passed to issue.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #010746.49624US).

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Respectfully submitted,

  
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